

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A therapeutic agent for a hormone-dependent cancer, which comprises:

- (a) a steroid-sulfatase inhibitor; and
- (b) an agent for hormone therapy and/or an agent for chemotherapy, which may be administered together or separately at an interval.

Claim 2 (currently amended): A method for treating a hormone-dependent cancer, which comprises:

administering (a) a steroid-sulfatase inhibitor and (b) an agent for hormone therapy and/or an agent for chemotherapy together or separately at an interval.

Claim 3 (currently amended): A steroid-sulfatase inhibitor, which is used in combination with an agent for hormone therapy and/or an agent for chemotherapy, and which is administered together therewith or separately therefrom at an interval.

Claim 4 (currently amended): A kit for treating a hormone-dependent cancer, which comprises:

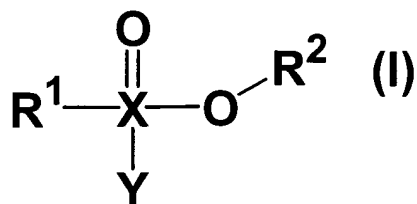
a first component comprising (a) a steroid-sulfatase inhibitor and a second component comprising (b) an agent for hormone therapy and/or an agent for chemotherapy.

Claim 5 (currently amended): A pharmaceutical composition, which comprises:

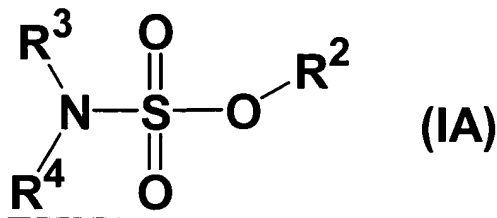
- (a) a steroid-sulfatase inhibitor; and
- (b) an agent for hormone therapy and/or an agent for chemotherapy.

Claim 6 (canceled).

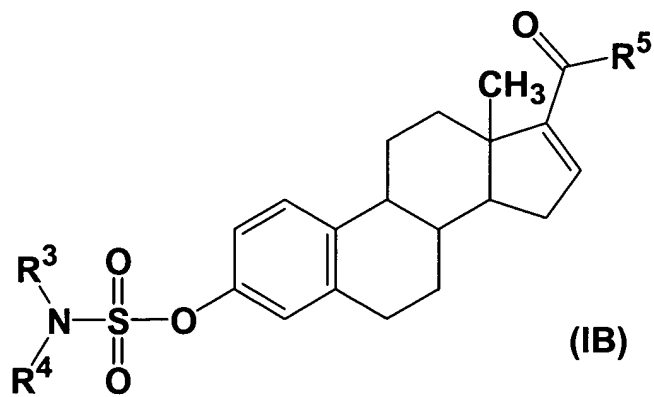
Claim 7 (currently amended): The therapeutic agent for a hormone-dependent cancer according to Claim 1, wherein the steroid-sulfatase inhibitor is a composition comprising, as an active ingredient, a compound represented by Formula (I), Formula (IA), or Formula (IB), or any of respective pharmaceutically acceptable salts thereof, wherein Formula (I), Formula (IA), and Formula (IB) are:



[wherein X represents a phosphorus atom or a sulfur atom, and when X is a phosphorus atom, Y is hydroxy, and when X is a sulfur atom, Y is oxo; R¹ represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or -NR³R⁴ (wherein R³ and R⁴ may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, or substituted or unsubstituted aryl, or R³ and R⁴ are combined together with the adjacent nitrogen atom thereto to form a substituted or unsubstituted heterocyclic group); and -O-R² represents a monocyclic alcohol residue or a polycyclic alcohol residue],

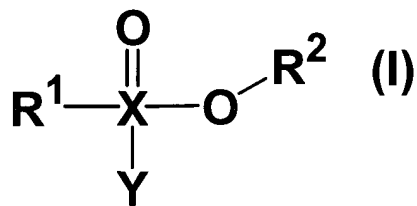


(wherein -O-R², R³, and R⁴ have the same meanings as defined above, respectively), and

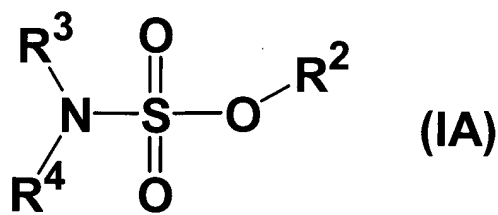


[wherein R³ and R⁴ have the same meanings as defined above, respectively; R⁵ represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, -NR⁶R⁷ (wherein R⁶ and R⁷ may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group), -OR⁸ (wherein R⁸ represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group), or -SR^{8A} (wherein R^{8A} has the same meaning as R⁸ defined above)].

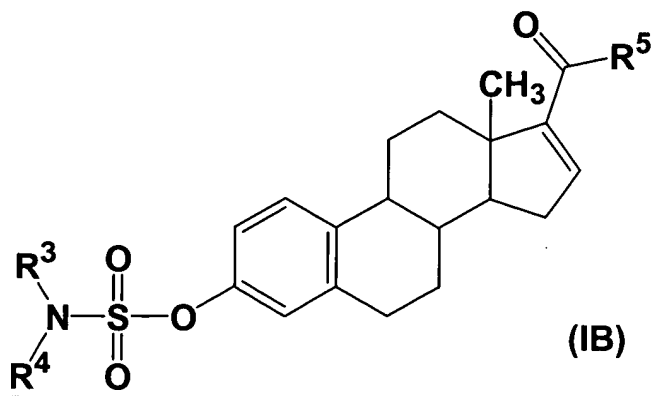
Claim 8 (currently amended): The method for treating a hormone-dependent cancer according to Claim 2, wherein the steroid-sulfatase inhibitor is a composition comprising, as an active ingredient, the compound represented by Formula (I), Formula (IA), or Formula (IB) ~~described in Claim 7 or any of respective~~ pharmaceutically acceptable salts thereof, wherein Formula (I), Formula (IA), and Formula (IB) are:



[wherein X represents a phosphorus atom or a sulfur atom, and when X is a phosphorus atom, Y is hydroxy, and when X is a sulfur atom, Y is oxo; R¹ represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or -NR³R⁴ (wherein R³ and R⁴ may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, or substituted or unsubstituted aryl, or R³ and R⁴ are combined together with the adjacent nitrogen atom thereto to form a substituted or unsubstituted heterocyclic group); and -O-R² represents a monocyclic alcohol residue or a polycyclic alcohol residue],

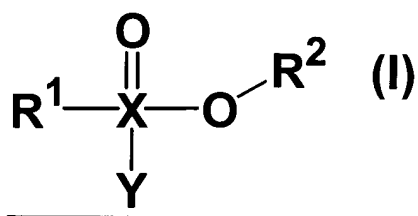


(wherein -O-R², R³, and R⁴ have the same meanings as defined above, respectively), and



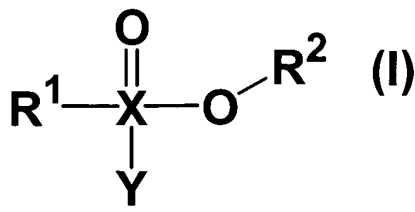
[wherein R^3 and R^4 have the same meanings as defined above, respectively; R^5 represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, $-NR^6R^7$ (wherein R^6 and R^7 may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group), $-OR^8$ (wherein R^8 represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group), or $-SR^{8A}$ (wherein R^{8A} has the same meaning as R^8 defined above)].

Claim 9 (currently amended): The steroid-sulfatase inhibitor according to Claim 3, wherein the steroid-sulfatase inhibitor is a composition comprising, as an active ingredient, the compound represented by Formula (I), Formula (IA), or Formula (IB) described in Claim 7 or any of respective pharmaceutically acceptable salts thereof, wherein Formula (I), Formula (IA), and Formula (IB) are:

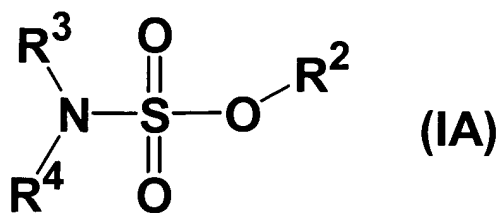


[wherein X represents a phosphorus atom or a sulfur atom, and when X is a phosphorus atom, Y is hydroxy, and when X is a sulfur atom, Y is oxo; R^1 represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or $-NR^3R^4$ (wherein R^3 and R^4 may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, or substituted or unsubstituted aryl, or R^3 and R^4 are combined together with the adjacent nitrogen

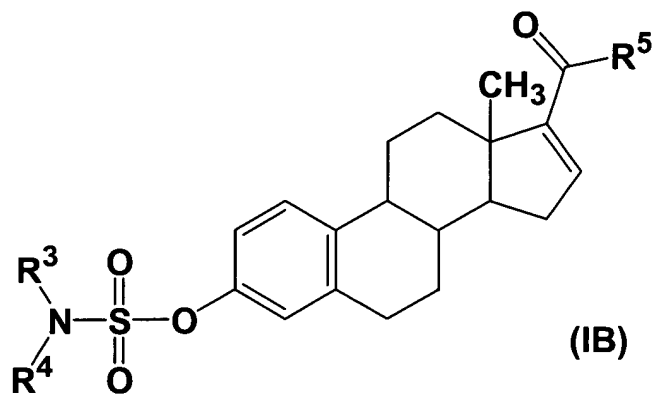
Claim 10 (currently amended): The kit for treating according to Claim 4, wherein the steroid-sulfatase inhibitor is a composition comprising, as an active ingredient, the compound represented by Formula (I), Formula (IA), or Formula (IB) described in Claim 7 or any of respective pharmaceutically acceptable salts thereof, wherein Formula (I), Formula (IA), and Formula (IB) are:



[wherein X represents a phosphorus atom or a sulfur atom, and when X is a phosphorus atom, Y is hydroxy, and when X is a sulfur atom, Y is oxo; R¹ represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or -NR³R⁴ (wherein R³ and R⁴ may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, or substituted or unsubstituted aryl, or R³ and R⁴ are combined together with the adjacent nitrogen atom thereto to form a substituted or unsubstituted heterocyclic group); and -O-R² represents a monocyclic alcohol residue or a polycyclic alcohol residue],

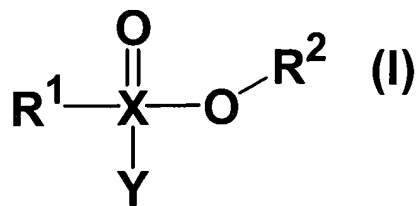


(wherein -O-R², R³, and R⁴ have the same meanings as defined above, respectively), and

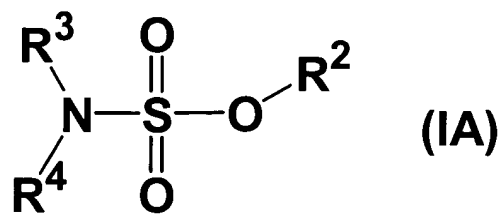


[wherein R^3 and R^4 have the same meanings as defined above, respectively; R^5 represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, $-NR^6R^7$ (wherein R^6 and R^7 may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group), $-OR^8$ (wherein R^8 represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group), or $-SR^{8A}$ (wherein R^{8A} has the same meaning as R^8 defined above)].

Claim 11 (currently amended): The pharmaceutical composition according to Claim 5, wherein the steroid-sulfatase inhibitor is a composition comprising, as an active ingredient, the compound represented by Formula (I), Formula (IA), or Formula (IB) described in Claim 7 or any of respective pharmaceutically acceptable salts thereof, wherein Formula (I), Formula (IA), and Formula (IB) are:



[wherein X represents a phosphorus atom or a sulfur atom, and when X is a phosphorus atom, Y is hydroxy, and when X is a sulfur atom, Y is oxo; R¹ represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted aryl, or -NR³R⁴ (wherein R³ and R⁴ may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, or substituted or unsubstituted aryl, or R³ and R⁴ are combined together with the adjacent nitrogen atom thereto to form a substituted or unsubstituted heterocyclic group); and -O-R² represents a monocyclic alcohol residue or a polycyclic alcohol residue],



(wherein -O-R², R³, and R⁴ have the same meanings as defined above, respectively), and

